

Sertifikaat

PATENTKANTOOR

REPUBLIC OF SOUTH AFRICA

DEPARTEMENT VAN
HANDEL EN NYWERHEID

REC'D 04 APR 2005

WIPO

PCT



IB04/52579

Certificate

PATENT OFFICE

REPUBLIEK VAN SUID-AFRIKA

DEPARTMENT OF TRADE
AND INDUSTRY

IB04/52579

Hiermee word gesertifiseer dat.
This is to certify that

The documents annexed hereto are true copies of:

Application forms P1 and P2, provisional specification and drawings
of South African Patent Application No. 2004/7315 as originally filed
in the Republic of South Africa on 13 September 2004 in the name
of LEONID SHPIGEL for an invention entitled: "PACKAGING
TAPE".

PRIORITY DOCUMENT

SUBMITTED OR TRANSMITTED IN
COMPLIANCE WITH RULE 17.1(a) OR (b)

Geteken te
Signed at

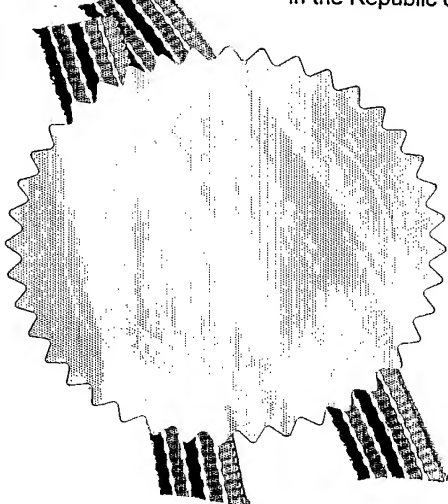
PRETORIA

in die Republiek van Suid-Afrika, hierdie
in the Republic of South Africa, this

3rd

dag van
day of

February 2005



Registrateur van Patente
Registrar of Patents

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978

PATENT APPLICATION AND ACKNOWLEDGEMENT

[Section 30(1) - Regulation 22]

The grant of a patent is hereby requested by the undermentioned applicant on the basis of the present application filed in duplicate.

21	01	Official Application No. 2004/7315	DrG Ref.: 635914
71	Full name(s) and address(es) of applicant(s): Leonid SHPIGEL 9 Horak Avenue Camps Bay 8001		
<div style="border: 1px solid black; padding: 5px; text-align: center;"> FAXED 13 SEP 2004 </div>			
54	Title of invention: PACKAGING TAPE		
The applicant claims priority as set out on the accompanying form P2. The earliest priority claimed is:			
		This application is for a patent of addition to Patent Application No.	21 01
		This application is a fresh application (section 37) based on Application No.	21 01

THIS APPLICATION IS ACCOMPANIED BY THE FOLLOWING:

- | | | | | | |
|-------------------------------------|-----|----|--|------------------|----------|
| <input checked="" type="checkbox"/> | 1. | P6 | Provisional specification | Pages: 6 | |
| <input type="checkbox"/> | | P7 | Complete specification | Pages: | 2 copies |
| <input checked="" type="checkbox"/> | 2. | | Drawings | Sheets: 1 | |
| <input type="checkbox"/> | 3. | P8 | Publication particulars and abstract in duplicate. | | |
| <input type="checkbox"/> | 4. | | Drawing for abstract | | |
| <input type="checkbox"/> | 5. | | An assignment of invention | | |
| <input type="checkbox"/> | 6. | | Certified priority document(s) | | |
| <input type="checkbox"/> | 7. | | Copy of Form P2 and SA Patent Application No | | |
| <input type="checkbox"/> | 8. | | Translation of the priority document(s) | | |
| <input type="checkbox"/> | 9. | | An assignment of priority rights | | |
| <input type="checkbox"/> | 10. | P3 | Declaration and power of attorney on form P3 | | |
| <input type="checkbox"/> | 11. | P4 | Request for ante-dating on form P4 | | |
| <input checked="" type="checkbox"/> | 12. | P2 | Register sheet (in duplicate) | | |

Date: 13 September 2004

John Spicer
Patent Attorney

DR GERNTHOLTZ INC
PATENT ATTORNEYS OF APPLICANT(S)

21	01	
74	ADDRESS FOR SERVICE: DR GERNTHOLTZ INC PATENT AND TRADE MARK ATTORNEYS P O BOX 8 CAPE TOWN 8000 SOUTH AFRICA 30 UNION ROAD MILNERTON 7441 TELEPHONE: +27 21 551 2650 TELEFAX: +27 21 551 2960	
REGISTRAR OF PATENTS DESIGNS, TRADE MARKS AND COPYRIGHT Official date stamp 2004 -09- 13		
REGISTRAR VAN PATENTE, MODELLE, HANDELSMERKE EN OUTEURSREG		

REPUBLIC OF SOUTH AFRICA				REGISTER OF PATENTS				PATENTS ACT, 1978			
Official Application No.:				Lodging date: Provisional				Acceptance date:			
21	01	2004/7315		22	2004-09-13		47				
International Classification:				Lodging date: Complete				Grant date:			
51				22							
Full name(s) of applicant(s)/Patentee(s):											
71	Leonid SHPIGEL										
Applicants substituted								Date registered			
71											
Assignee(s):								Date registered			
71											
Full name(s) of inventor(s)											
72	Leonid SHPIGEL										
Priority claimed		33	Country	31	Number			32	Date		
Title of invention											
54	PACKAGING TAPE										
Address of applicant(s)/patentee(s)											
9 Horak Avenue Camps Bay 8001											
Address for service		Dr GERNTHOLTZ INC (DrG Ref: 635914)									
74	30 UNION ROAD MILNERTON / CAPE 7441			P O BOX 8 CAPE TOWN 8000			TEL: (021) 551 2650 FAX: (021) 551 2960 / 551 2974 E-MAIL: mail@gpa.co.za				
Patent of addition No.		74				Date of any change					
Fresh application based on					Date of any change						

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
PROVISIONAL SPECIFICATION

[Section 30(1) - Regulation 27]

21	01	Official Application No.: 2004/7515	DrG Ref.: 635914
22	Lodging date: 2004-09-13		
71	Full name(s) of applicant(s): Leonid SHPIGEL		
72	Full name(s) of inventor(s) Leonid SHPIGEL		
54	Title of invention PACKAGING TAPE		

ADDRESS FOR SERVICE:
DR GERNTOLTZ INC
PATENT AND TRADE MARK ATTORNEYS
P O BOX 8 CAPE TOWN 8000 SOUTH AFRICA
30 UNION ROAD MILNERTON 7441
TELEPHONE: +27 21 551 2650
TELEFAX: +27 21 551 2960

DrG REF: 635914

TITLE OF INVENTION

Packaging tape.

FIELD OF INVENTION

5 The present invention relates to packaging tape.

More particularly, the present invention relates to packaging tape for sealing a container.

BACKGROUND TO INVENTION

Containers, such as cardboard cartons, are widely used for containing,
10 protecting and transporting goods. The containers are normally sealed with staples and/or packaging tape to prevent the goods from falling out of the containers and to prevent unauthorised access to the goods.

However, in many instances theft from the containers is committed by people transporting the containers. The people remove or break the packaging tape
15 and, after committing the theft, reseal the containers with new packaging tape so that the theft is not immediately obvious after delivery of the container. The thieves are normally well supplied with a variety of different packaging tapes, in some instances even with customised company packaging tapes, and are therefore able to open and reseal many different types of containers without
20 being caught.

It is an object of the invention to suggest a packaging tape, which will assist in overcoming these problems.

SUMMARY OF INVENTION

According to the invention a packaging tape includes an elongated layer of adhesive tape being adapted to be adhered to a container for sealing the container; a first part of the adhesive tape being transparent; and a second
5 part of the adhesive tape being provided with markings.

The first part of the adhesive tape may be a narrow strip extending substantially along the centre of the adhesive tape.

The first part may be continuous.

The first part may be provided in discrete sections.

10 The first part may have a width being about $1/6^{\text{th}}$ of the width of the adhesive tape.

The first part may have a width of about ten millimetres.

The markings may be non-transparent.

The markings may be chevrons.

15 The packaging tape may have opposite edges being substantially linear and parallel to each other.

The packaging tape may have opposite edges being curved or provided with cut outs.

20 The packaging tape may be adapted to receive and adhere to an intermediate strip of material being adapted to be fixedly located between the adhesive tape and a container when the adhesive tape is adhered to a container.

The intermediate strip may be adapted to be aligned with the first part so that it is visible through the adhesive tape.

The intermediate strip may be marking tape made of paper.

5 The marking tape may be adapted to receive printed information prior to being applied to the adhesive tape.

The printed information may be customised company information, encoded information or bar codes.

The intermediate strip may be linear, curved or irregularly shaped and may have a patterned edge formation.

10 The marking tape may be non-linear in form, for example it may have a zigzag appearance.

The marking tape may be provided with serrated edges.

The intermediate strip may be made of yarn, filament, twine, tape or any other natural or synthetic fibre.

15 The intermediate strip may be provided in any colour.

The intermediate strip may be fully or partially stained to a desired colour while being applied to the adhesive tape.

The invention extends to a container sealed by a packaging tape as set out herein.

20 BRIEF DESCRIPTION OF DRAWINGS

The invention will now be described by way of example with reference to the accompanying schematic drawings.

2004/7315

In the drawings there is shown in:

Figure 1 A plan view of a packaging tape according to the invention; and

Figure 2 A plan view of a packaging tape provided with a marking tape.

DETAILED DESCRIPTION OF DRAWINGS

5 Referring to the drawings, a packaging tape in accordance with the invention, generally indicated by reference numeral 10, is shown. The packaging tape 10 includes an elongated layer of adhesive tape 12 being adapted to be adhered to a container (not shown) for sealing the container. The adhesive tape 12 has a substantially transparent first part 14 and a second part 16 that provided with
10 markings 18.

The first part 14 is shown as a narrow strip extending substantially along the centre of the adhesive tape 12. Although the first part is shown in the drawings to be continuous, it can also be provided in discrete sections. The first part 14 has a width of about $1/6^{\text{th}}$ of the width of the adhesive tape 12. On a standard
15 size adhesive tape 12, the width of the first part 14 is about ten millimetres.

The markings 18 on the second part 16 are shown in the form of non-transparent chevrons. The markings 18 can obviously also include any other desired graphic, e.g. circles, flowers or pictures.

If desired, the packaging tape 10 can be provided with a number of other
20 changeable features, such as having opposite edges that are substantially linear and parallel to each other or having opposite edges that are curved or provided with various cut outs.

As shown in Figure 2, the packaging tape 10 is adapted to receive and adhere to an intermediate strip of material, such as a marking tape 20, so that the marking

tape 20 is fixedly located between the adhesive tape 12 and a container when the packaging tape 10 is adhered to a container. The marking tape 20 is aligned with the transparent first part 14 so that it is visible through the adhesive tape 12.

- 5 The marking tape 20 is made from a printable material, such as paper, such that information can be printed onto the marking tape 20 prior to it being joined to the adhesive tape 12. The information can be customised company information, encoded information, bar codes or any other information that will be difficult to reproduce by an unauthorised person.
- 10 As with the packaging tape 10, the marking tape 20 can be linear or non-linear, curved or irregularly shaped, e.g. zigzag, and can have a patterned or serrated edge formation.

Alternatively, the intermediate strip can be made of yarn, filament, twine, tape or any other natural or synthetic fibre. The intermediate strip can be provided
15 in any colour and can further be fully or partially stained to a desired colour while being applied to the adhesive tape.

Date: 13 September 2004



John L. Spicer

20 **DR GERNTHOLTZ INC**
Patent Attorneys of Applicant(s)
P O Box 8; Cape Town 8000; South Africa
30 Union Road; Milnerton 7441; South Africa
Tel: (021) 551 2650
25 Fax: (021) 551 2960
DrG Ref.: 635914
t:\files\14\635914\635914spec.doc

2004/7315

LEONID SHPIGEL

NO OF SHEETS 1
SHEET NO 1
DRG Ref.: 635914

FIG. 1

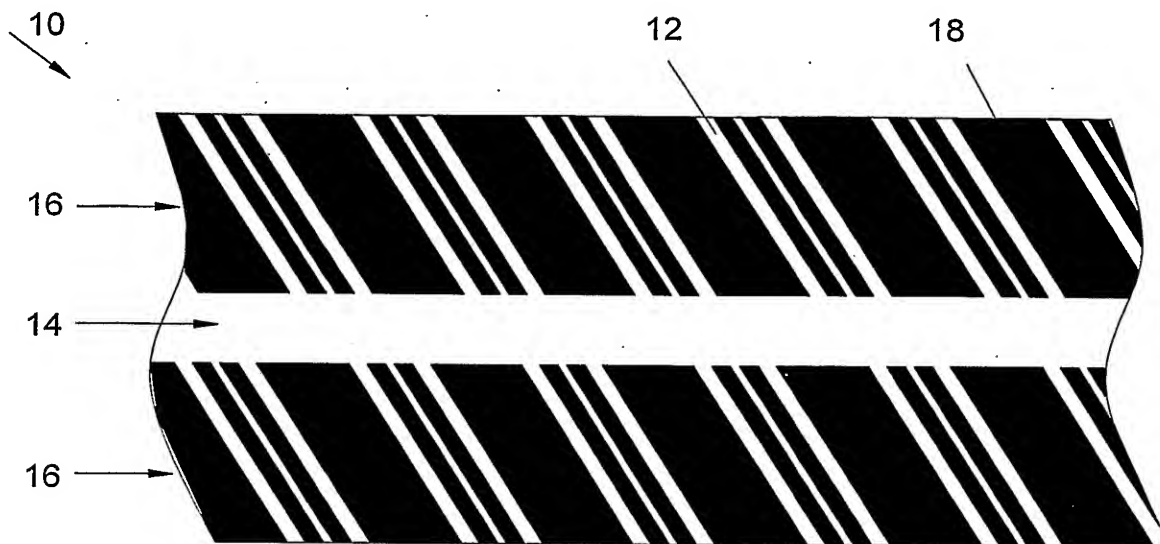


FIG. 2

